

PERES Martin  
1 rue du 4 septembre  
11130 Sigean  
FRANCE

Research portfolio: <http://phd.mupuf.org>  
Cell phone: +33 6 08 57 21 25  
Email: martin.peres@labri.fr  
24 years old

**IT Ph.D. Student, Engineer in Security,  
X.org board of directory member,  
hobbyist X.org developer**

## Computer-science

- Languages
  - C/C++ (Qt / Boost / Wt)
  - Latex & Beamer
  - Basic ASM PIC, FµC & x86
  - Web-related languages
  - Java
- Operating Systems
  - Linux (Power User & Dev)
  - Windows 2000->7 (Dev)
  - Mac OS X (Basic usage, Dev)
- X.org – Nouveau
  - Power Management
  - Reverse engineering
- Other FLOSS Developpement
  - Arduide (Qt Arduino IDE)
  - Check <http://phd.mupuf.org>
  - Check <http://www.mupuf.org>
- Software Engineering
  - UML & Merise
- Packaging
  - Arch Linux & Gentoo

## Security

- SELinux (writing policy modules)
- Security in wireless sensor networks
- Mandatory access control systems
- Safe password storage systems

## Languages

- French: Home language
- English: Cambridge's CEA
  - Spoken fluently
  - 3 months in the UK
- Spanish: Basics, understood
- German: Beginner

## Education

- 2011 –** Ph.D. Student at LaBRI, Bordeaux (fr)  
*Research on Autonomics, green IT, security.  
See <http://phd.mupuf.org/research-project/>*
- 2008 – 2011** ENSI de Bourges  
*Security-specialised engineering school.  
Speciality: Security of ubiquitous systems  
Ranked 1<sup>st</sup> in the option*
- 2008** University of Central Lancashire  
*Studied microprocessor-based systems  
and image/speech processing. 3 months*
- 2006 – 2008** IUT d'informatique de Montpellier  
*Graduated with a computer science  
diploma. Ranked 5<sup>th</sup> out of 150.*

## Research-oriented internships

- 2011** LaBRI – University of Bordeaux 1 (FR)  
6 months *Security in wireless sensor networks.  
Work with researchers.*
- 2010** Spin-off Boken – SDS-Project (FR)  
2 months *Automated SELinux policy-learning.  
Work with researchers.*
- 2009** Spin-off Boken – SDS-Project (FR)  
3 months *Coordinating Multiple Protections within  
a Linux Desktop. Work with researchers.*
- 2008** ChiCI Group – UCLAN (UK)  
3 months *Created a GUI-analyser using a gaze  
tracking device. Work with researchers.*

## Publications

**COLSEC 2010** *A Dynamic End-to-End Security for Coordinating  
Multiple Protections within a Linux Desktop. Briffaut, Peres and Toinard.*

**RESCOM 2011** *Gestion de la réputation dans les réseaux de  
Capteurs sans fil*

**GIIS 2011** *On optimizing energy consumption: An adaptative  
authentication level in wireless sensor networks. Peres, Chalouf, Krief*

## Management Skills

- X.org's EvoC mentor
- X.org foundation board member
- Lecturer at ENSEIRB
- Accounting
- Open-project management
- Guitarist in a band / played live
- FLOSS team-work (IRC/emails)
- Former president of
  - a robotics association
  - a computer science club

## **Personal Projects**

**NVIDIA** *Development of a Linux FLOSS driver for nVidia GPUs (Nouveau project). Working mostly on Power Management.*  
URL: <http://nouveau.freedesktop.org/wiki/>

**ArduIDE** *is an Integrated Development Environment for the arduino open-source electronics prototyping platform.*  
URL: <http://www.mupuf.org/project/arduide.html>

**PPassKeeper** *is a plugin-based cross-platform library that intends to create a portable way to store sensitive information like passwords into a safe place.*  
URL: <http://www.mupuf.org/projects/ppasskeeper.html>

**Mupuf.org** *Administration of an OVH dedicated server providing emails, websites, project pages and versioning systems.*  
URL: <http://www.mupuf.org>, <http://phd.mupuf.org>